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Applicant : Matthias Mack et al. Art Unit : 1646
Serial No. : 10/690,043 Examiner : Unknown
Filed : October 21, 2003
Title : METHOD OF TREATING ALLERGEN INDUCED AIRWAY DISEASE

Commissioner for Patents
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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Applicant submits the references listed on the attached form PTO-1449.

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Respectfully submitted,

Date: 9 March 2004

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Substitute Form PTO-1449
(Modified)U.S. Department of Commerce
Patent and Trademark OfficeAttorney's Docket No.
13235-014001Application No.
10/690,043**Supplemental
Information Disclosure Statement
by Applicant**

(Use several sheets if necessary)

(37 CFR §1.98(b))

Applicant
Matthias Mack et al.Filing Date
October 21, 2003Group Art Unit
1646**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	09/948,004	01/23/2003	Matthias Mack			

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AB	WO 91/09968	07/11/1991	PCT				

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AC	Aberle et al., "Expression of CD23 antigen and its ligands in children with intrinsic and extrinsic asthma", <u>Allergy</u> , Vol. 52; pp 1238-1242, (1997)
	AD	Adair et al., "Humanization of the murine anti-human CD3 monoclonal antibody OKT3", <u>Human. Antibod. Hybridomas</u> , Vol. 5, 1 and 2, pp. 41-47 (1994).
	AE	Agostini et al., "CXCR3 and its Ligand CXCL10 are Expressed by Inflammatory Cells Infiltrating Lung Allografts and Mediate Chemotaxis of T Cells and Sites of Rejection", <u>Am. J. Pathol.</u> , Vol. 158, No. 5, pp. 1703-1711 (2001).
	AF	Baba et al., "Identification of CCR6, the Specific Receptor for a Novel Lymphocyte-directed CC Chemokine LARC*" <u>J. Biol. Chem.</u> , Vol. 272, No. 23, pp. 14893-14898 (1997).
	AG	Barnes and March, "The genetics and complexity of allergic diseases", <u>J. Allergy Clin. Immunol.</u> , Vol. 19 No. 7; pp 325-332, (1998)
	AH	Bernhagen et al., "Regulation of the immune response by macrophage migration inhibitory factor: biological and structural features", <u>J. Mol. Med.</u> , Vol. 76, pp. 151-161 (1998).
	AI	Bonini et al. "Cloning, Expression and Chromosomal Mapping of a Novel Human CC-Chemokine Receptor (CCR10) that Displays High-Affinity Binding for MCP-1 and MCP-3", <u>DNA Cell Biol.</u> , Vol. 16, pp. 1249-1256 (1997).
	AJ	Brutsche et al., "B-cell isotype control in atopy and asthma assessed with cDNA array technology", <u>Am J Physiol Lung Cell Mol Physiol</u> , Vol. 280: pp 627-637 (2001).
	AK	Challita-Eid et al., "A RANTES-Antibody Fusion Protein Retains Antigen Specifity and Chemokine Function", <u>The Journal of Immunology</u> , Vol. 161: pp 3729-3736 (1998).
	AL	Chung F., "Anti-inflammatory cytokines in asthma and allergy: interleukin-10, interleukin-12, interferon-gamma", <u>Mediators Inflamm</u> , Vol. 10: pp 51-59 (2001).
	AM	Combadiere, et al., "Gene Cloning, RNA Distribution, and Functional Expression of mCX ₃ CR1, a Mouse Chemotactic Receptor for the CX ₃ C Chemokine Fractalkine", <u>Biochem. Biophys. Res. Commun.</u> , Vol. 253, pp 728-732 (1998).
	AN	Dairaghi et al. "Chemokine Receptor CCR3 Function is Highly Dependent on Local pH and Ionic Strength", <u>J. Biol. Chem.</u> , Vol. 272, No. 45, pp. 28206-28209 (1997).
	AO	Farber, "Mig and IP-10: CXC Chemokines that target lymphocytes", <u>Journal of Leukocyte Biology</u> , Vol. 61, pp. 246-257 (1997).
	AP	Flier et al., "The CXCR3 Activating Chemokines IP-10, Mig, and IP-9 are Expressed in Allergic but not in Irritant Patch Test Reactions", <u>J. Invest. Dermatol.</u> , Vol. 113, pp. 574-578 (1999).

Examiner Signature

Date Considered

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Form PTO-1449 (Modified) Supplemental Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 13235-014001	Application No. 10/690,043
	Applicant Matthias Mack et al.		
	Filing Date October 21, 2003	Group Art Unit 1646	

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AQ	Ganju et al. "β-Chemokine Receptor CCR5 Signals through SHP1, SHP2, and Syk*", <u>J. Biol. Chem.</u> , Vol. 275, No. 23, pp. 17263-17268 (2000).
	AR	Gasparini et al., "Gene Expression and Production of the Monokine Induced by IFN-γ (MIG), IFN-Inducible T Cell α Chemoattractant (I-TAC), and IFN-γ-Inducible Protein-10 (IP-10) Chemokines by Human Neutrophils", <u>J. Immunol.</u> , Vol. 162, pp. 4928-4937 (1999).
	AS	Glennie and Johnson, "Clinical trials of antibody therapy", <u>Immunology Today</u> , Vol. 21(48): pp 403-410 (2000).
	AT	Hesselgesser et al., "Identification and Characterization of Small Molecule Functional Antagonists of the CCR1 Chemokine Receptor", <u>J. Biol. Chem.</u> , Vol. 273, No. 25, pp. 15687-15692 (1998).
	AU	Humbert et al. "The immunopathology of extrinsic (atopic) and intrinsic (non-atopic) asthma: more similarities than differences", <u>Immunology Today</u> , Vol. 20 (11): pp 528-533 (1999).
	AV	Imai et al., "The T Cell0-directed CC Chemokine TARC Is a Highly Specific Biological Ligand for CC Chemokine Receptor 4*", <u>J. Biol. Chem.</u> , Vol. 272, No. 23, pp. 15036-15042 (1997).
	AW	Kim et al., "CCR7 Ligands, SLC/6CKine/Exodus2/TCA4 and CKβ-11/MIP-3β/ELC, are chemoattractants for CD56 ⁺ CD16 ⁻ NK cells and late stage Lymphoid Progenitors", <u>Cell Immunol.</u> , Vol. 193, pp. 226-235 (1999).
	AX	Kipriyanow et al., "Bispecific CD3 X CD19 Diabody for T Cell-Mediated Lysis of Malignant Human B Cells", <u>Int. J. Cancer</u> , Vol. 77, pp. 763-773 (1998).
	AY	Kung et al., "Monoclonal Antibodies Defining Distinctive Human T Cell Surface Antigens", <u>Science</u> , Vol. 206, pp. 347-349 (1979).
	AZ	Legler et al., "B Cell-attracting chemokine 1, a Human CXC Chemokine Expressed in Lymphoid Tissues, Selectively Attracts B Lymphocytes via BLR1/CXCR5", <u>J. Exp. Med.</u> , Vol. 187, No. 4, pp. 655-660, (1998).
	AAA	Luttichau et al., "The herpesvirus 8-encoded chemokine vMIP-II, but not the poxvirus-encoded chemokine MC148, inhibits the CCR10 receptor", <u>Eur. J. Immunol.</u> , Vol. 31 pp. 1217-1220, (2001).
	ABB	Mack et al. "A small bispecific antibody construct expressed as a functional single-chain molecule with a high tumor cell cytotoxicity", <u>Proc. Natl. Acad. Sci. USA</u> , Vol. 92, pp. 7021-7025 (1995).
	ACC	Mack et al., "Aminooxypentane-RANTES Induces CCR5 Internalization but Inhibits Recycling: A Novel Inhibitory Mechanism of HIV Infectivity", <u>J. Exp. Med.</u> , Vol. 187, pp 1215-1224 (1998).
	ADD	Marone "Asthma: recent advances", <u>Immunology Today</u> , Vol. 19 (1): pp 5-9 (1998).
	AEE	Metz et al., "Role of Macrophage Migration Inhibitory Factor in the Regulation of the Immune Response", <u>Adv. Immunol.</u> , Vol. 66, pp. 197-223 (1997).
	AFF	Montecarlo and Charo, "The Amino-terminal Domain of CCR2 is both necessary and sufficient for high affinity binding of monocyte chemoattractant protein1", <u>J. Biol. Chem.</u> , Vol. 272, No. 37, pp. 23185-23190, (1997).
	AGG	Norment et al. "Murine CCR9, a Chemokine Receptor for Thymus-Expressed Chemokine that is Up-Regulated Following Pre-TCR Signaling", <u>J. Immunol.</u> , Vol. 164, pp. 636-648 (2000).
	AHH	Painter et al., "Contributions of Heavy and Light Chains of Rabbit Immunoglobulin G to Antibody Activity. I. Binding Studies on Isolated Heavy and Light Chains", <u>Biochem.</u> , Vol. 61, pp. 1327-1337 (1972).
	AII	Renauld "New insights into the role of cytokines in asthma", <u>J Clin Pathol</u> , Vol. 54(8) pp 577-589 (2001).

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				Filing Date October 21, 2003	Group Art Unit 1646
Other Documents (include Author, Title, Date, and Place of Publication)					
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	AJJ	Roos et al., "Identification of CCR8, the Receptor for the Human CC Chemokine I-309*", <u>J. Biol. Chem.</u> , Vol. 272, No. 28, pp. 17251-17254 (1997).			
	AKK	Seeger et al., "Expression of the C-C chemokine receptor 5 in human kidney diseases", <u>Kidney International</u> , Vol. 56, pp. 52-64 (1999).			
	ALL	Shan et al., "Identification of Viral Macrophage Inflammatory Protein (vMIP)-II as a Ligand for GPR5/XCR1", <u>Biochem. Biophys. Res. Commun.</u> , Vol. 268, pp. 938-941 (2000).			
	AMM	Schwartz "A new element in the mechanism of asthma", <u>New England Journal of Medicine</u> , Vol. 346 (11): pp 857-858 (2002).			
	ANN	Shi et al. "Innate immunity and autoimmunity: from self-protection to self-destruction", <u>Trends in Immunology</u> , Vol. 22 (2): pp 97-101 (2001).			
	AOO	Soussie-Gounni et al. "Role of IL-9 in the pathophysiology of allergic diseases", <u>J. Allergy clin immunol</u> , Vol. 107 (4): pp 575- 582 (2001).			
	APP	Tang et al. "Childhood asthma as an allergic disease: rationale for the development of future treatment" <u>Eur J Pediatr</u> , Vol. 160(12): pp 696-704 (2001).			
	AQQ	Teran "CCL Chemokines and asthma", <u>Immunology Today</u> , Vol. 21(5): pp 235-241 (2000).			
	ARR	Transy et al., "Most anti-human CD3 monoclonal antibodies are directed to the CD3 and subunit", <u>Eur. J. Immunol.</u> , Vol. 19, pp. 947-950 (1989).			
	ASS	Trauneker et al., "Bispecific single chain molecules (Janusins) target cytotoxic lymphocytes on HIV infected cells", <u>EMBO J.</u> , Vol. 10, pp. 3655-3659 (1991).			
	ATT	Umetsu et al. "Asthma: an epidemic of dysregulated immunity", <u>Nature Immunology</u> , Vol. 3(9): pp 715-720 (2002).			
	AUU	Van Wauwe et al., "OKT3: A Monoclonal Anti-Human T Lymphocyte Antibody with Potent Mitogenic Properties", <u>J. Immunol.</u> , Vol. 124, pp. 2708-2713 (1980).			
	AVV	Vila-Coro et al., "The chemokine SDF-1 α triggers CXCR4 receptor dimerization and activates the JAK/STAT pathway", <u>FASEB J.</u> , Vol. 13, pp. 1699-1710 (1999).			
	AWW	Woodle et al., "Humanized OKT3 Antibodies: Successful Transfer of Immune Modulating Properties and Idiotypic Expression", <u>J. Immunol.</u> , Vol. 148, pp. 2756-2763 (1992).			

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